

Title (en)

A VALVELESS GAS CHROMATOGRAPHIC SYSTEM WITH PULSED INJECTION AND TEMPERATURE PROGRAMMED ELUTION

Title (de)

VENTILLOSES GASCHROMATOGRAPHIESYSTEM MIT GEPULSTER PROBENAUFGABE UND TEMPERATURPROGRAMMIERTER ELUTION

Title (fr)

SYSTEME DE CHROMATOGRAPHIE A GAZ SANS CLAPET A INJECTION PULSEE ET A ELUTION A TEMPERATURE PROGRAMMEE

Publication

EP 1062504 A4 20010214 (EN)

Application

EP 99906839 A 19990210

Priority

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- US 7419598 P 19980210

Abstract (en)

[origin: WO9940422A1] A portable gas chromatograph includes a sample adsorbing ribbon (220) having a sampling position (205) and second desorbing position (206). The sample is desorbed by activating heaters (210, 211). The desorbed sample passes to a chromatography column (209b) which is then heated by a third heater (212). The separated sample is passed to a detector (213) for analysis.

IPC 1-7

G01N 30/02; **G01N 30/16**; **G01N 30/60**; **G01N 30/62**; **G01N 30/88**

IPC 8 full level

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CPC (source: EP)

G01N 30/16 (2013.01); **G01N 1/22** (2013.01); **G01N 15/0643** (2013.01); **G01N 2030/3061** (2013.01); **G01N 2030/623** (2013.01)

Citation (search report)

- [A] US 5588988 A 19961231 - GERSTEL EBERHARD [DE], et al
- [A] WO 9600388 A2 19960104 - UNIV MONTREAL [CA], et al
- [A] US 3768300 A 19731030 - NEMETH R
- [A] US 4551848 A 19851105 - GREENWOOD-SMITH ROBIN [AU]
- See references of WO 9940422A1

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